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anti-COLEC12 antibody





Overview

| Quantity: | 200 μL |
|--------------|----------------------------------------|
| Target: | COLEC12 |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This COLEC12 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

| Immunogen: | Recombinant fusion protein of human COLEC12 (NP_569057.1). |
|------------------|------------------------------------------------------------|
| Isotype: | IgG |
| Characteristics: | Polyclonal Antibody |
| Purification: | Affinity purification |

Target Details

| Target: | COLEC12 |
|-------------------|---------------------------------------------------------------------------------------------------|
| Alternative Name: | COLEC12 (COLEC12 Products) |
| Background: | This gene encodes a member of the C-lectin family, proteins that possess collagen-like |
| | sequences and carbohydrate recognition domains. This protein is a scavenger receptor, a cell |
| | surface glycoprotein that displays several functions associated with host defense. It can bind to |
| | carbohydrate antigens on microorganisms, facilitating their recognition and removal. It also |

Target Details

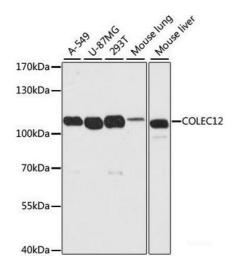
| | mediates the recognition, internalization, and degradation of oxidatively modified low density lipoprotein by vascular endothelial cells. |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular Weight: | Observed_MW: 110 kDa Calculated_MW: 81 kDa |
| Gene ID: | 81035 |
| UniProt: | Q5KU26 |
| Pathways: | Activation of Innate immune Response |

Application Details

| Application Notes: | WB 1:500-1:2000 |
|--------------------|-----------------------|
| Restrictions: | For Research Use only |

Handling

| Format: | Liquid |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Concentration: | 1 mg/mL |
| Buffer: | PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3 |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Avoid freeze / thaw cycles. |



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines using COLEC12 Polyclonal Antibody at dilution of 1:2000.